



HAINES BOROUGH
PORT CHILKOOT DOCK IMPROVEMENTS - PHASE 2
65% DESIGN REVIEW SUBMITTAL ENGINEER'S ESTIMATE
 Prepared by: PND Engineers, Inc. December 7, 2012

BASE BID - SCHEDULE A

Item	Item Description	Units	Quantity	Unit Cost	Amount
1505.1-A	Mobilization	LS	All Req'd	9%	\$401,508
2060.1-A	Demolition and Disposal	LS	All Req'd	\$600,000	\$600,000
2601.1-A	Water Line	LS	All Req'd	\$70,000	\$70,000
2702.1-A	Construction Survey Measurement	LS	All Req'd	\$20,000	\$20,000
2726.1-A	Retaining Wall and Upland Modifications	LS	All Req'd	\$25,000	\$25,000
2727.1-A	Approach Trestle	LS	All Req'd	\$1,130,000	\$1,130,000
2727.2-A	Gangway Queuing Deck	LS	All Req'd	\$211,500	\$211,500
2727.3-A	Approach Dock	LS	All Req'd	\$671,500	\$671,500
2727.4-A	Regrade Existing Approach Dock	LS	All Req'd	\$245,200	\$245,200
2727.5-A	Additional Queuing Deck for Ambulance Turn Around	LS	All Req'd	\$51,600	\$51,600
2810.1-A	Floating Dock Modifications	LS	All Req'd	\$100,000	\$100,000
2894.1-A	Supply and Install Aluminum Gangway, 8' x 120'	LS	All Req'd	\$250,000	\$250,000
2896.1-A	Supply and Install 20" dia. Dock Vertical Pile	EA	26	\$18,500	\$481,000
2896.2-A	Supply and Install 20" dia. Dock Batter Pile	EA	15	\$18,500	\$277,500
2896.3-A	Supply and Install 20" dia. Batter Pile Guide Weldment	EA	7	\$5,000	\$35,000
2896.4-A	Supply and Install spin fin pile tips	EA	8	\$5,000	\$40,000
2896.5-A	Supply and Install 16" dia. Float Anchor Pile	EA	3	\$15,800	\$47,400
2896.6-A	Gangway Support Pile Frame	LS	All Req'd	\$25,000	\$25,000
2896.7-A	Supply and Install 20" dia. Mooring Dolphin Batter Pile	EA	3	\$23,500	\$70,500
2896.8-A	Supply and Install Mooring Dolphin Platform, Guardrail, Bollard, etc.	LS	All Req'd	\$50,000	\$50,000
3304.1-A	Concrete Abutment	LS	All Req'd	\$30,000	\$30,000
16000.1-A	Electrical Power to Existing Cruise Ship Dock Lights	LS	All Req'd	\$30,000	\$30,000
16000.2-A	Install 7 All-Weather 120V Duplex Power Receptacles Spaced 100' O.C.	LS	All Req'd	\$2,000	\$2,000
ESTIMATED BASE BID CONSTRUCTION PRICE					\$4,864,708
CONTINGENCY (8%)					\$389,177
DESIGN, INSPECTION, CONSTRUCTION ADMINISTRATION (15%)					\$729,706
GEOTECHNICAL, SURVEY & PERMITTING					\$90,000
TOTAL ESTIMATED PROJECT BUDGET					\$6,073,591

ADD. ALT. A - SCHEDULE A

Item	Item Description	Units	Quantity	Unit Cost	Amount
16000.3-AA	Dock Lighting	LS	All Req'd	\$85,000	\$85,000
16000.4-AA	Electrical Power to Float and Gangway Lighting	LS	All Req'd	\$5,000	\$5,000
ESTIMATED CONSTRUCTION BID PRICE - ADD. ALT. A					\$90,000
CONTINGENCY (8%)					\$7,200
DESIGN, INSPECTION, CONSTRUCTION ADMINISTRATION (15%)					\$13,500
TOTAL ESTIMATED PROJECT BUDGET - ADD. ALT. A					\$110,700
TOTAL ESTIMATED PROJECT BUDGET - BASE BID + ADD. ALT. A					\$6,184,291

